

Amendments to the Claims:

The Listing of Claims below will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (withdrawn) A method for removing a coating on a surface comprising ejecting an abrasive admixed with a treatment material comprising at least one compound selected from the group consisting of calcium, sodium or potassium silicate, portland cement type I to IV, and sodium and potassium calcium phosphate and iron or aluminum sulfate.

2. (withdrawn) A method for removing a coating as set forth in Claim 1 wherein said treatment material is portland cement and potassium phosphate or Calcium Phosphate.

3. (cancelled)

4. (previously amended) A treatment material for use in a method for removing a coating, said coating having a hazardous metal or compound contained therein, said treatment material comprising:

- a. at least one of:
 - i. an alkali metal silicate or alkaline earth metal silicate or portland cement,
 - ii. an alkali metal or alkaline earth metal phosphate,
 - iii. an oxide or hydroxide of a magnesium, aluminum, iron, potassium or sodium; or
 - iv. combinations thereof, wherein said combinations are present in a ratio ranging from 10:0:0 to 0:1:1 respectively; and

b. a solvent in an amount up to about 55% by total weight of the treatment material, wherein said solvent is selected from water, aliphatic hydrocarbons, aromatic hydrocarbons, alcohols, esters, glycol ethers, ketones, chlorinated solvents and glycols.

5. (previously amended) A treatment material as set forth in Claim 4 wherein said ratio of part a are between 10:1:0.2 to 7:1:0.5.

6. (original) A treatment material as set forth in Claim 4 including a resin and surfactant compatible with the solvent.

7. (currently amended) A treatment material for admixture with a paint stripper comprising:

- a) at least one of an alkali metal silicate, an alkaline earth metal silicate, or portland cement;

b) at least one of an alkali metal oxide, an alkali metal hydroxide, an alkaline earth metal oxide, or an alkaline earth metal hydroxide; ~~and~~

c) an alkali metal phosphate; and

d) a solvent in an amount up to about 55% by total weight of the treatment material, wherein said solvent is selected from the group consisting of water, aliphatic hydrocarbons, aromatic hydrocarbons, alcohols, esters, glycol ethers, ketones, chlorinated solvents and glycols.

8. (currently amended) A treatment material for use with an encapsulant or overcoating comprising:

a) an alkali metal or alkaline earth metal silicate oxide or hydroxide or portland cement; ~~and~~

b) an alkali metal or alkaline earth metal phosphate; and

c) a solvent in an amount up to about 55% by total weight of the treatment material, wherein said solvent is selected from the group consisting of water, aliphatic hydrocarbons, aromatic hydrocarbons, alcohols, esters, glycol ethers, ketones, chlorinated solvents and glycols.

9. (currently amended) A treatment material for use with an abrasive in removing coatings, said coatings having a hazardous metal or compound contained therein, said treatment material comprising:

a. at least one of an alkali metal silicate, an alkaline earth metal silicate, or a portland cement of types I to V; ~~and~~

b. at least one of sodium, calcium phosphate, potassium phosphate, calcium silicate, iron sulfate, or aluminum sulfate; and

c. a solvent in an amount up to about 55% by total weight of the treatment material, wherein said solvent is selected from the group consisting of water, aliphatic hydrocarbons, aromatic hydrocarbons, alcohols, esters, glycol ethers, ketones, chlorinated solvents and glycols.

10. (currently amended) A method for removing from a surface a coating having a hazardous metal comprising applying a treatment compound as set forth in Claims 34 or 14 to said coating and removing said coating and treatment compound.

11. (original) The method as set forth in Claim 10 wherein said treatment compound includes a solvent and is applied as a layer on said coating.

12. (original) The method as set forth in Claim 10 wherein said treatment compound is applied by ejection onto said surface.

13. (currently amended) A treatment material comprising:

a) magnesium oxide and calcium phosphate, said magnesium oxide and calcium phosphate mixed in an alkyd, epoxy, acrylic, elastomeric or urethane paint system; and

b) a solvent in an amount up to about 55% by total weight of the treatment material, wherein said solvent is selected from the group consisting of water, aliphatic hydrocarbons, aromatic hydrocarbons, alcohols, esters, glycol ethers, ketones, chlorinated solvents and glycols.

14. (previously presented) A treatment material for use in a method for removing a coating, said coating having a hazardous metal or compound contained therein, said treatment material comprising:

a) a compound selected from the group consisting of Sodium Silicate, Diammonium Phosphate, Sodium Metasilicate, Dicalcium Phosphate, Sodium Orthosilicate, Dipotassium Phosphate, Potassium Silicate, Tricalcium Phosphate, Aluminum Sulfate, Trisodium Phosphate, Alum, Sodium Metabisulfite, Ferrous Sulfate, Metallic Iron, Ferric Sulfate, Silicate of Soda, Tricalcium Silicate, Soda Ash (Sodium Carbonate), Dicalcium Silicate, Caustic Potash (Potassium), Tricalcium Aluminate, Hydroxide, Calcium Carbonate, Calcium Phosphate, Phosphoric Acid, Polythio Carbonate, and combinations thereof; and

b) a solvent in an amount up to about 55% by total weight of the treatment material, wherein said solvent is selected from the group consisting of water, aliphatic hydrocarbons, aromatic hydrocarbons, alcohols, esters, glycol ethers, ketones, chlorinated solvents and glycols.

15. (New) A treatment material for use in a method for removing a coating, said coating having a hazardous metal or compound contained therein, said treatment material comprising a compound selected from the group consisting of Sodium Silicate, Diammonium Phosphate, Sodium Metasilicate, Dicalcium Phosphate, Sodium Orthosilicate, Dipotassium Phosphate, Potassium Silicate, Tricalcium Phosphate, Aluminum Sulfate, Trisodium Phosphate, Alum, Sodium Metabisulfite, Ferrous Sulfate, Metallic Iron, Ferric Sulfate, Silicate of Soda, Tricalcium Silicate, Soda Ash (Sodium Carbonate), Dicalcium Silicate, Caustic Potash (Potassium), Tricalcium Aluminate, Hydroxide, Calcium Carbonate, Calcium Phosphate, Phosphoric Acid, Polythio Carbonate, and combinations thereof.